

What is claimed is:

1. A cover for grass protection comprising a composite layer composed of:

an open mesh weave of thermoplastic material, said weave having warp and weft strips forming a substantially thin uniform layer having opposed surfaces, said mesh defining individual slits extending through said layer;

a discontinuous heat absorbing layer on one of said opposed surfaces, and a discontinuous heat reflective layer on the other of said opposed surfaces.
2. The composite layer according to claim 1, wherein said layer on each surface has a thickness of at least .5 mil.
3. The composite layer according to claim 1, wherein each said layer covers between about 5 to 60% of each surface of said composite layer.
4. The composite layer according to claim 1, wherein each said layer covers between about 10 to 40% of each surface of said composite layer.
5. The composite layer according to claim 1, wherein the thermoplastic material forming the strips of said composite is a polyolefin.
6. The composite layer according to claim 5, wherein said polyolefin is a polyethylene and said layer is a polyethylene compatible with said polyethylene strip.

7. The composite layer according to claim 1, wherein said layer includes a colouring agent of a wavelength having heat absorption properties.
8. The composite layer according to claim 7, wherein said colouring agent is selected from the colours green, blue, brown and black.
9. The composite layer according to claim 1, wherein said layer includes a colouring agent of a specified wavelength having heat reflective properties.
10. The composite layer according to claim 9, wherein said colouring agent is selected from the colours white, silver, gold and bronze.
11. The composite according to claim 1, wherein said composite layer is of a size to cover a grassed substrate such as a golf course green.
12. The composite layer according to claim 1, wherein said composite is secured over a substrate.
13. The composite layer according to claim 1, wherein said open mesh weave has openings which allow water to permeate therethrough.
14. The composite layer according to claim 1, wherein the layer on each surface of said open mesh weave amounts to a total of 5% to 80% of the combined total surface area of both faces.
15. A method of forming a heat absorbing and heat reflective composite layer comprising the steps of:

providing an opening-mesh weave of thermoplastic material in which the

material has warp and weft strips forming a substantially uniform layer and having opposed major surfaces;

said open-mesh weave has openings of a size sufficient to permit the passage of water therethrough;

coating one of said surfaces with a discontinuous or intermittent coating having heat reflective properties; and,

coating the other said surface with a discontinuous or intermittent coating having heat absorbing properties.

16. The method according to claim 15, wherein said coating is extruded onto said open mesh weave.
17. A method for protecting or enhancing turf, lawn, garden or other substrate comprising:

applying to said substrate a protective layer of a composite, said composite comprising:

an open mesh weave of thermoplastic material, said weave having warp and weft strips forming a substantially uniform layer having opposed major surfaces, said layer having on one surface thereof a heat absorbing discontinuous or intermittent coating and on the other surface a heat reflective discontinuous or intermittent coating;

said composite being applied to said substrate with said heat absorption layer forming an outer face and said heat reflective layer being in contact with said substrate;

releasably securing said protective layer to said substrate; and,

removing said protective layer when protection is not desired.

18. The method according to claim 15, wherein said coating covers between about 5 to 60% of each surface of said composite layer.
19. The method according to claim 17, wherein said coating covers between about 10 to 40% of each surface of said composite layer.
20. The method according to claim 17, wherein said coating on each surface of said open mesh weave amounts to a total of 5% to 80% of the combined total surface area of both faces.